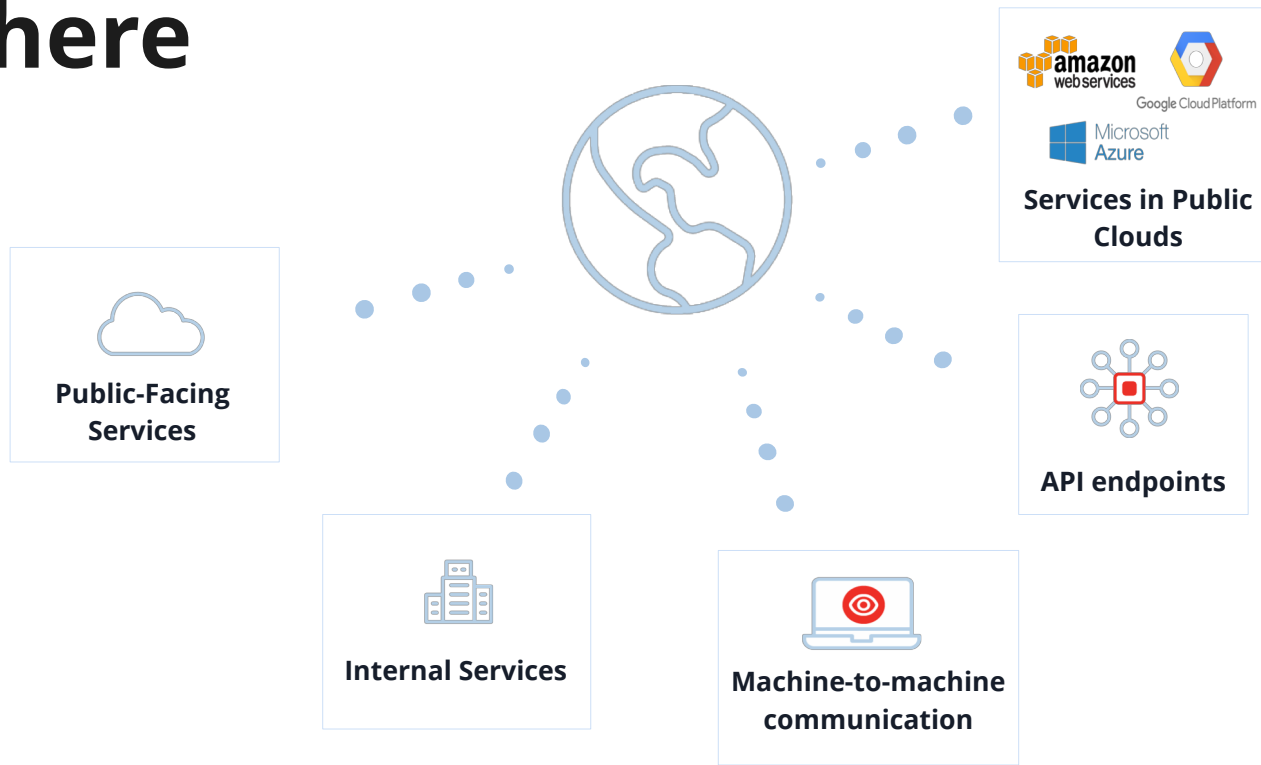# Qualys CertView

Managing Digital Certificates

Jimmy Graham
Sr. Director, Product Management, Qualys, Inc.

Certificates are Everywhere

Services in Public Clouds

Public-Facing Services

API endpoints

Internal Services

Machine-to-machine communication
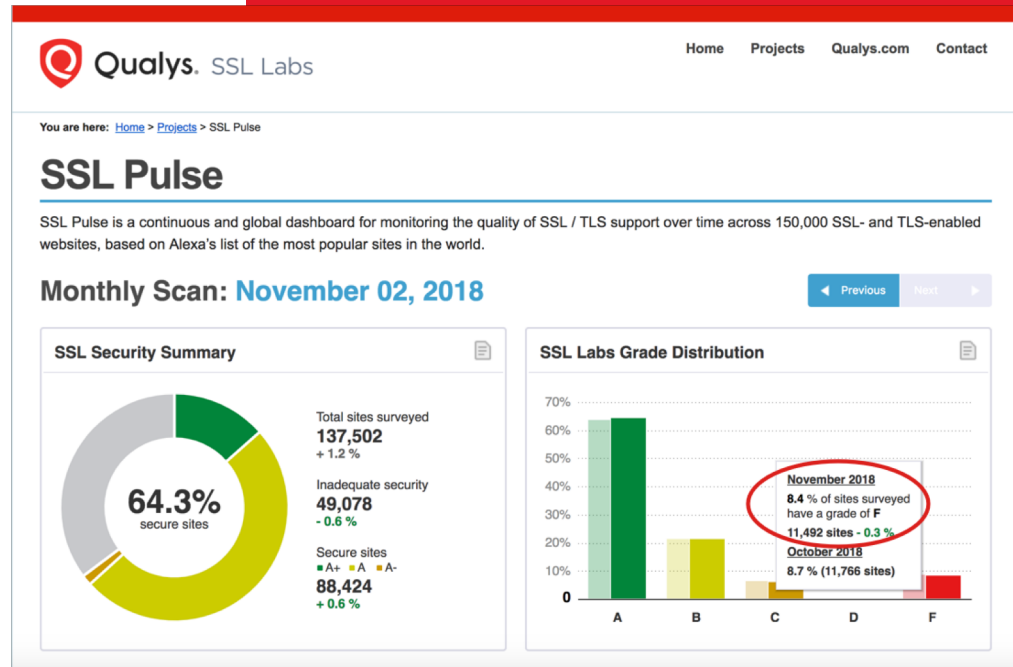
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SSL Pulse

The Good

- No SHA1 or 1024 bit keys

The Bad (~35% inadequate)

- Expired certificates: ~5,200
- Expiring in the next 2 weeks: ~4,500
- Weak/Insecure cipher suites: ~4,200
- SSLv2/SSLv3: ~15,000
- TLSv1.0: ~99,000 (72%)
- RC4 enabled: ~22,000 (16%)

Current State of Most Organizations

Limited Visibility

95% of organizations don't know where certs are in their networks

Limited ownership information

The unknown is difficult to manage

Expirations Missed

Unplanned outages

Many more "near misses"

Compliance

Certificates from unapproved CAs

Responding to audits are manually intensive exercises

Reliance on Manual Processes

Spreadsheets are error prone and out-of-date

Expensive, not scalable as certificates increase

Troubleshooting issues is challenging

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Challenges of Existing Solutions

<div style="background:red; color:white;">
Lack of..
</div>

Visibility

Point tools, increasing effort and ownership costs

Scalability

Operational silos

Work in on-premises or cloud-only mode

Require multiple or complex deployments to cover large environments

Maturity

Most solutions are off-the-shelf vulnerability-only or certificate-only "tools"
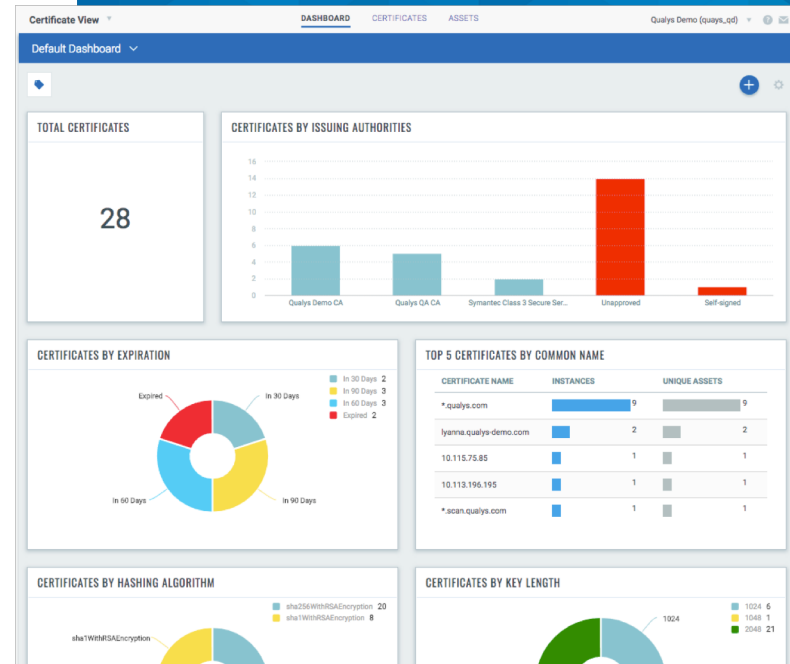
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Introducing Qualys CertView
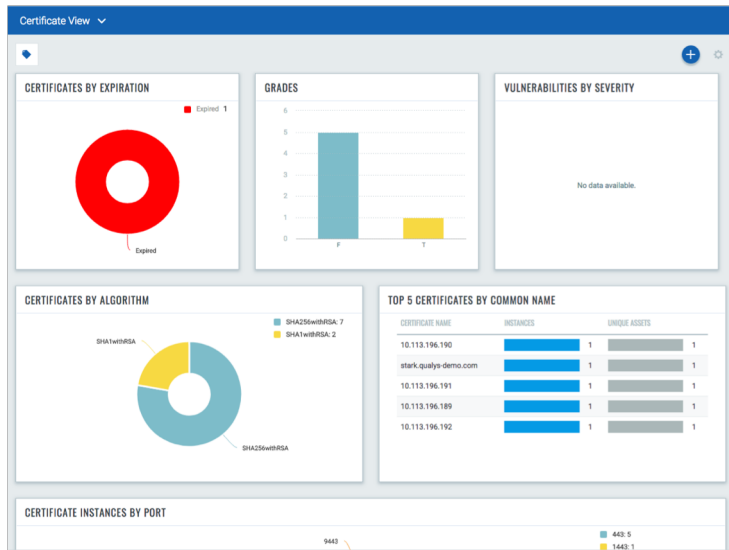
Discover, inventory, monitor certificates

Discover, inventory, monitor host configurations & vulnerabilities

Coverage across both on-premises and cloud environments

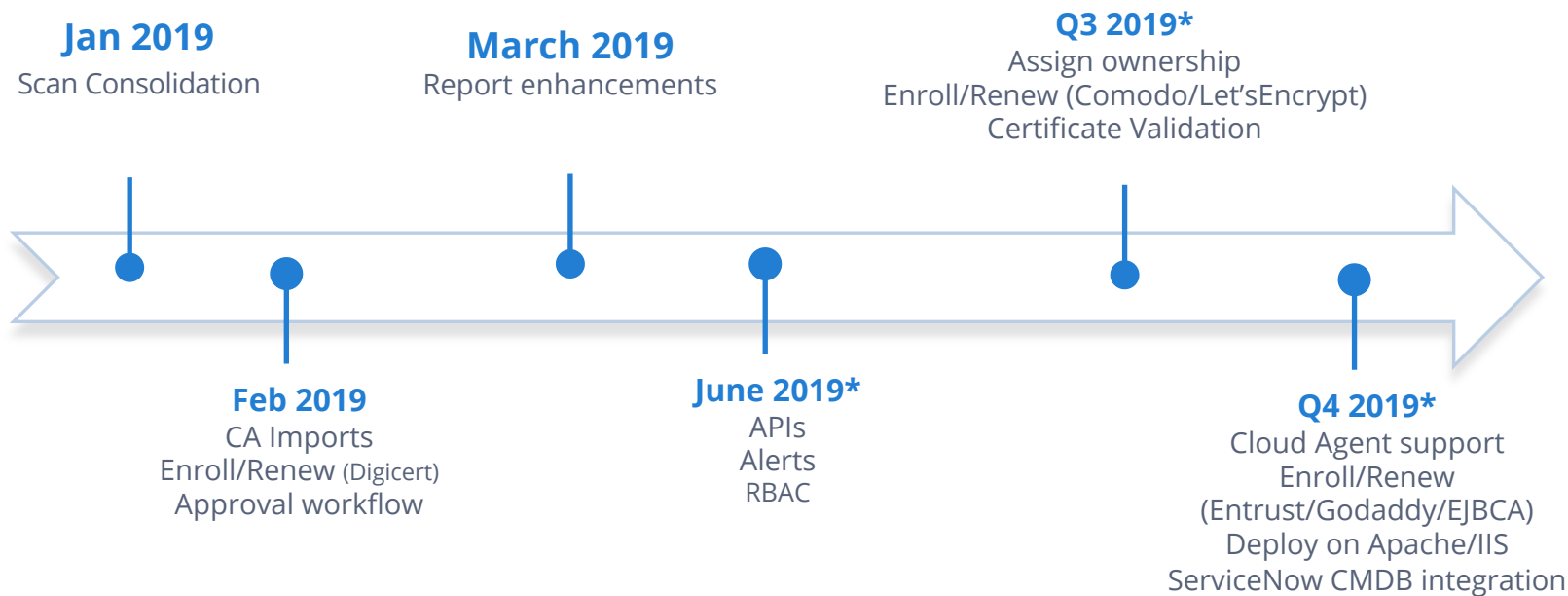Renew certificates from the same platform

Key Advantages of Qualys CertView

✓ **Uses the same Qualys scanners** already deployed for Vulnerability Management or Policy Compliance

✓ **Qualys CertView meets much of the common use cases** in version 1.0 – and we're working on closing gaps quickly

✓ **Certificate Enrollment/Renewal** Releasing next month

✓ **Simplified delivery through Qualys Cloud Platform** – easy for existing VM/PC customers to trial and deploy

✓ **Attractive Pricing**

CertView Releases and Roadmap

Jan 2019
Scan Consolidation

March 2019
Report enhancements

Q3 2019*
Assign ownership
Enroll/Renew (Comodo/Let'sEncrypt)
Certificate Validation

Feb 2019
CA Imports
Enroll/Renew (Digicert)
Approval workflow

June 2019*
APIs
Alerts
RBAC

Q4 2019*
Cloud Agent support
Enroll/Renew
(Entrust/Godaddy/EJBCA)
Deploy on Apache/IIS
ServiceNow CMDB integration

* Roadmap items are future looking; timing and specifications may change

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DEMO

CERT

Certificate View

Thank You

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